



Department of Energy

ROCKY FLATS FIELD OFFICE
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96-DOE-08086

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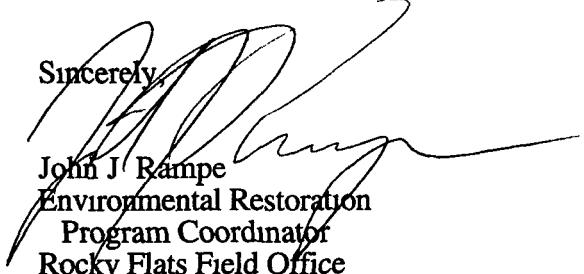
Dear Colleagues and Fellow Citizens

Enclosed for your information is a copy of a White Paper entitled "Analysis of Vertical Contaminant Migration Potential," prepared by Rocky Mountain Remediation Services, a subcontractor to our Rocky Flats integrating and management contractor, Kaiser-Hill Company, L L C. The White Paper was prepared as part of Rocky Flats' comprehensive environmental planning effort known as the Accelerated Site Action Project, or ASAP. The purpose of the White Paper was to analyze the potential for shallow groundwater contamination at the Rocky Flats Environmental Technology Site (Site) to migrate downward through underlying confining layers and affect the regional Laramie-Fox Hills Sandstone aquifer. The White Paper and its conclusions have been reviewed by a groundwater expert panel commissioned by the Site and the panel's comments are incorporated in this final version.

The White Paper concludes that the confining beds beneath the Site will provide sufficient long-term protection for the Laramie-Fox Hills aquifer, and that there is no significant long-term vertical migration threat associated with potential invasion of organic contaminants into the bedrock beneath Rocky Flats. The White Paper also concludes that remediation of volatile organic groundwater contamination is not needed to protect the Laramie-Fox Hills aquifer. Remediation of subsurface contamination continues at the Site, however, in order to eliminate risks to local surface water.

Please call me at 966-6246 if you have any questions or comments about the enclosed report.
Thank you

Sincerely,


John J. Rampe
Environmental Restoration
Program Coordinator
Rocky Flats Field Office

Enclosure

cc (w/o Enclosure)
J Legare, DOE/RFFO
P Golan, DOE/RFFO
J Kerridge, DOE/RFFO
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